

# DRAFT

## NEVADA DIVISION OF ENVIRONMENTAL PROTECTION FACT SHEET

(pursuant to NAC 445A.236)

**Permittee Name:** Wal-Mart Stores East, LP  
2001 Southeast 10<sup>th</sup> Street, Department 9562  
Bentonville, AR 72716

**Permit Number:** NEV2006505

**Description of Discharge:** Cooling tower blowdown water is discharged into the lined Tahoe-Reno Industrial Center General Improvement District (TRIC) regional detention pond. The regional detention pond is incorporated into the TRIC Wastewater Treatment Plant ground water discharge permit (NEV2000502). The blowdown water will be treated with chemicals to prevent corrosion, scaling and biological growth.

**Flow:** The 30-day average flow is proposed to be 0.02664 MGD (26,640 gpd) with a daily maximum flow of 0.03456 MGD (34,560 gpd).

**Location:** Wal-Mart Food Distribution Center No. 7048  
2155 USA Parkway  
McCarran, Storey County, Nevada 89434  
Outfall 001, Regional Detention Pond  
Latitude: 39° 32' 27" N, Longitude: 119° 28' 18" W  
Township 19N, Range 22E, Section 2

**General:** Wal-Mart Stores East, LP proposes to operate the Wal-Mart Food Distribution Center No. 7048 (Wal-Mart) at 2155 USA Parkway in the Tahoe-Reno Industrial Center. Wal-Mart will use potable water from the TRIC water system to cool refrigeration coils at the facility. Wal-Mart will generate an average of 0.02664 MGD of industrial wastewater from condenser cooling towers. The cooling water will be treated with chemicals to prevent corrosion, scaling and biological growth. The wastewater will flow by gravity to the TRIC regional detention pond via a six inch PVC wastewater line. The detention pond also receives treated effluent from the Tahoe-Reno Industrial Center Wastewater Treatment Plant. The TRIC intends to use the treated wastewater from the detention pond for landscape irrigation (drip and spray) within the developed portions of the TRIC.

**Receiving Water Characteristics:** This is a zero discharge permit. Wastewater will flow to the TRIC regional clay-lined detention pond via a six inch PVC wastewater line. Ground water in the vicinity of the detention pond is of potable quality and ranges in depth from 160 feet to 220 feet below ground grade. The TRIC is responsible for sampling the monitoring wells near the detention pond in accordance with their groundwater discharge permit.

**Proposed Effluent Limitations and Special Conditions:****Table 1: Plant Discharge Limitations**

PARAMETER	DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
	30-Day Average	Daily Maximum	Measurement Frequency	Sample Type
Flow (MGD) <sup>1</sup>	0.027	0.035	Continuous	Flow Meter
TDS <sup>2</sup> (mg/L) <sup>3</sup>	Monitor & Report		Quarterly	Discrete
Chloride (mg/L)	Monitor & Report		Quarterly	Discrete

- <sup>1</sup>: million gallons per day  
<sup>2</sup>: total dissolved solids  
<sup>3</sup>: milligrams per liter

**Schedule of Compliance:** The Permittee shall implement and comply with the provisions of the schedule of compliance after approval by the Administrator, including in said implementation and compliance, any additions or modifications which the Administrator may make in approving the schedule of compliance.

- Upon issuance of the permit, the Permittee shall achieve compliance with the effluent limitations.
- **Within 30 days of permit issuance (May 11, 2006)**, the Permittee shall submit for approval an Operations and Maintenance (O&M) Manual.

**Rationale for Permit Requirements:** The NDEP's rationale for the proposed monitoring conditions is as follows:

***Flow:*** Flow is tracked to ensure that treatment design capacity is not exceeded.

***Effluent limits:*** Effluent limits are established and monitored to ensure that the groundwater of the State is not degraded. Even though this is a zero discharge permit, the ultimate intention is to use the wastewater as an irrigation source that will discharge to groundwaters of the State under the conditions of groundwater discharge permit NEV2000502.

**Procedures for Public Comment:** The Notice of the Division's intent to issue a permit is being sent to the **Reno Gazette-Journal** and **Comstock Chronicle** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of thirty (30) days following the date of publication of the

public notice in the newspaper. The comment period can be extended at the discretion of the Administrator. The deadline date and time by which all written comments are to be postmarked (via mail) or transmitted to the Division via fax or e-mail is **April 10, 2006 by 5:00 P.M.**

A public hearing on the proposed determination can be requested by the applicant, any affected State, any affected interstate agency, the Regional Administrator or any interested agency, person or group of persons.

The request must be filed within the comment period and must indicate the interest of the person filing the request and the reasons why a hearing is warranted.

Any public hearing determined by the Administrator to be held must be conducted in the geographical area of the proposed discharge or any other area the Administrator determines to be appropriate. All public hearings must be conducted in accordance with NAC 445A.238.

The final determination of the Administrator may be appealed to the State Environmental Commission pursuant to NRS 445A.605.

**Proposed Determination:** The Division has made the tentative determination to issue the proposed permit for a period of five (5) years.

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